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**ADDENDUM NO. 1**  
**Date: March 14, 2016**  
**RSQ No. 16-0001, Clermont Chain of Lakes Basin Study**

It is the vendor's responsibility to ensure their receipt of all addenda, and to clearly acknowledge all addenda within their initial bid or proposal response. Acknowledgement may be confirmed either by inclusion of a signed copy of this addendum with their response by completion and return of the addendum acknowledgement section of the solicitation. Failure to acknowledge each addendum may prevent the bid or proposal from being considered for award.

This addendum **does not** change the date for receipt of bids or proposals on March 16, 2016, 3:00 p.m.

1. Question: Will Lake County accept an alternate modeling approach (other than ICPR) as a more cost-effective solution to meeting the deliverable requirements identified in the financial assistance agreement with the Florida Department of Environmental Protection?  
Answer: Modeling deliverable must be ICPR. No alternates.
2. Question: The FDEP Agreement states that any funding above \$300K must be provided by the grantee. If additional funding is required to meet all scope items, can/will it be provided?  
Answer: No, there is no additional funding.
3. Question: Is a GIS shapefile available for the study area so that respondents can better understand the scale of the project?  
Answer: It is expected the consultant will define the study area as part of their hydrological analysis. Also see the next response below.
4. Question: Provide a list of the lakes comprising the Clermont Chain?  
Answer: Please refer to the Clermont Chain of Lakes as listed by Lake County Water Authority.
5. Question: Provide the level of detail expected for the subbasins (1 per lake, break up lake tributary area into multiple subbasins, etc.)?  
Answer: It is expected this will be a recommendation of the selected consultant to accomplish the overall study tasks while providing maximum confidence level in the model and remaining within budgetary limits.

6. Question: Is a copy of the existing stormwater system inventory available so respondents can see the magnitude of the data gaps that must be filled in? If the database is not available, can you estimate the percent to which the database is complete within the study area?

Answer: The County has minimal stormwater inventory data in this area. County inventory data be made available at the following link:

[ftp://ftp.co.lake.fl.us/Public\\_Works/Stormwater/LCPW\\_GIS\\_stormwater/](ftp://ftp.co.lake.fl.us/Public_Works/Stormwater/LCPW_GIS_stormwater/)

It is expected the selected consultant will assemble data from additional resources per Task 1.

7. Question: Provide more information on the level of detail required for the conveyance system inventory? Is the primary concern the system connecting the lakes or to include the local drainage system structures (pipes, manholes, inlets, etc.) for the tributaries to the lakes? Depending on the level of detail required, a large portion of the \$300K budget could be required to complete this single subtask item.

Answer: Drainage and conveyance system components of a minimum size recommended by the selected consultant to accomplish the overall study tasks while providing maximum confidence level in the model and remaining within budgetary limits. Please refer to the Withlacoochee Model Verification Report from Atkins LTD as provided by the Southwest Florida Water Management District for guidance on expected comparable approach (excerpt attached).

8. Question: Provide more guidance as to the number of expected structures requiring a condition assessment? Depending on the response, this single subtask item could require a large portion of the total budget.

Answer: It is expected this will be a recommendation of the selected consultant to accomplish the overall study tasks while providing maximum confidence level in the model and remaining within budgetary limits.

9. Question: Can a field tech obtain the survey elevations and other data using a backpack GPS survey unit or does it need to be obtained by a PLS?

Answer: It is expected this will be a recommendation of the selected consultant to accomplish the overall study tasks while providing maximum confidence level in the model within the budgetary limits.

10. Question: Is the consultant to purchase sampling equipment from their budget and pay for analysis or will the County pay for this? Will flow sensors also be required?

Answer: Selected consultant will develop methodology necessary to accomplish task and conduct at their cost.

11. Question: Is flow data available for the pollutant loading analysis?

Answer: Selected consultant will either develop their own flow data through analysis and modeling and/or secure information from other agencies.

12. Question: What level of detail is expected for the ICPR model? Just the lakes and the network connecting them or is it also to include the stormwater system draining to the lakes? Is it the primary conveyance system or all structures? Depending on the response, a model with an order of magnitude could require more detail.

Answer: It is expected that this will be a recommendation of the consultant to accomplish the overall study tasks while providing maximum confidence level in the model and remaining within budgetary limits.

13. Question: Is there an estimate as to the number of model scenarios that are expected?  
Answer: It is expected that this will be a recommendation of the consultant to accomplish the overall study tasks while providing maximum confidence level in the model and remaining within budgetary limits.
14. Question: Can ICPR Version 3 be used or is the recently released ICPR Version 4 required?  
Answer: ICPR Model Deliverable shall be ICPR Version 4 with latest updates at time of delivery.
15. Question: What is the study area extent? Does it include the following subbasins? Little Creek, Big Creek (Polk County and Lake County), Stewart Lake, Summer Lake, Lake Wash, Pine Island Lake, Lake Glona, Pretty Lake, Bear Lake, Kirkland Lake, Dixie Lake, Cypress Lake, Lake Nellie. Any others? Can the basin extent be provided as a shapefile or other illustrative format?  
Answer: See answer to questions four (4) and five (5).
16. Question: Is Lake County interested in water quality monitoring of Palatlahaha River downstream of the Clermont Chain of Lakes?  
Answer: No
17. Question: Does Lake County anticipate that the Clermont Chain of Lakes will be part of the ICPR model, or will the ICPR model(s) in Task 3 be limited to SWM facilities and upstream subbasins?  
Answer: Lakes and sub-basins/ SWM facilities. See also answers to questions five (5) and twelve (12).
18. Does Lake County anticipate that the groundwater component of ICPR will be used, or will ICPR only route surface water?  
Answer: See answer to question nineteen (19).
19. Question: Does Lake County anticipate the Consultant to coordinate with earlier groundwater modelers and models to inform lake elevation response?  
Answer: It is expected selected consultant will utilize relevant prior study information from various agencies and information from their work effort to develop the most accurate model representation in the most cost efficient manner to accomplish study tasks. See also response to question seven (7).
20. Question: Does Lake County anticipate pollutant water quality analysis to be limited to TP, TN, BOD, Chlorophyll-a, and DO?  
Answer: Yes.
21. Question: Does Lake County anticipate that water quality sampling only occur within the Task 2 timeline (April 2016 – August 2016), or will water quality monitoring continue past these dates?  
Answer: Sampling and analysis as necessary to provide best information while remaining within agreed timeframes for task deliverables.
22. Question: Will the Start and End dates for each task be updated? The timeline for Task 1 (January 2016 to March 2016) will likely be exceeded prior to contract issuance.

Answer: Yes, task timeframes will be updated as agreed to by the County, State and selected consultant.

23. Question: Is the Lake County geodatabase and existing stormwater system inventory available or review?

Answer: See answer to question six (6).

Firm Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Typed/Printed Name: \_\_\_\_\_